In the specification:

Tables 1-5, 7 and 8 are being amended to change the unit "x10^{5} mol/cm^{3}" to "x10^{-5} mol/cm^{3}" that appears in one row of the first column (further left) in each of the above-identified tables. To correspond with the USPTO's rules, we have disclosed the entire table for tables 1-5, 7 and 8 with the above-identified amendment.

Table 1 appears between paragraphs numbered [0060] and [0061] of the published application; and it should be amended to read as follows:

Table 1 Compositions and testing results for Examples 1-3

Component	Example 1	Example 2	Example 3
First mixture (parts by weight)			
EPDM	50	40	70
Random ethylene-propylene copolymer	35	45	15
VTMO	1.2	1.00	1.00
Luperox 101	0.1	0.08	0.08
DBTDL	0.03	0.03	0.03
Second mixture (parts by weight)			
Random ethylene-propylene copolymer	15	15	15
Boric acid	0.5	0.4	0.4
Irganox B225	0.4	0.4	0.4
Mineral oil	35	20	70
Properties			
Gel content in dispersed phase, %	95	100	98
Cross-link density, *10^{-5} mol/cm^{3}	6.9	9.4	8.4
Hardness Shore A	82		55
Hardness Shore D		41	
Tensile strength, Mpa	8.6	14.6	3.8
Elongation at break, %	380	> 500	230
Stress at 100%, Mpa	6.2	8.2	2.1
Tensile strength in weld line, Mpa	6.5	12.3	2.6
Elongation in weld line, %	330	420	220
Compression set (100°C, 22 h), %	52	56	37

Table 2 appears between paragraphs numbered [0062] and [0063] of the published application; and it should be amended to read as follows:

Table 2 Compositions and testing results for Examples 4-8

Component	Examp. 4	Examp. 5	Examp. 6	Examp. 7	Examp. 8
First mixture (parts by weight)					
Ethylene – octene copolymer	60				
SBS (33% styrene)		50			
LLDPE			50		
MDPE				50	
EVA (19% VA)					50
Random propylene-ethylene copolymer	25	35	35	35	35
VTMO	1.00	1.2	1.2	1.2	1.2
Luperox 101	0.08	0.1	0.1	0.1	0.1
DBTDL	0.03	0.03	0.03	0.03	0.03
Second mixture (parts by weight)					
Random propylene-ethylene copolymer	15	15	15	15	15
Boric acid	0.4	0.5	0.5	0.5	0.5
Irganox B225	0.4	0.4	0.4	0.4	0.4
Mineral oil	42	35			
Properties					
Gel content in dispersed phase, %	99	98	100	100	100
Cross-link density, $*10^{-5}$ mol/cm^3	8.7	30.0	94.3 (apparent)	118.8 (apparent)	77.9 (apparent)
Hardness Shore A	87	86			
Hardness Shore D			54	58	51
Tensile strength, Mpa	8.2	13.0	17.6	20.4	15.2
Elongation at break, %	310	315	420	360	460
Stress at 100%, Mpa	4.7	8.1			
Tensile strength in weld line, Mpa	6.4	10.5	15.4	16.6	12.8
Elongation in weld line, %	280	240	370	280	350
Compression set (100°C, 22 h), %	43	50			

Table 3 appears between paragraphs numbered [0064] and [0065] of the published application; and it should be amended to read as follows:

Table 3 Compositions and testing results for Examples 9-11

Component	Example 9	Example 10	Example 11
First mixture (parts by weight)			
Ethylene-octene copolymer	60	60	60
Polypropylene homopolymer (MFR 2 dg/min)	25		
Propylene-ethylene heterophasic copolymer (MFR 4 dg/min)		25	
Nylon 6			25
VTMO	1.2	1.2	1.2
Luperox 101	0.1	0.1	0.1
DBTDL	0.03	0.03	0.03
Second mixture (parts by weight)			
Polypropylene homopolymer (MFR 2 dg/min)	15		
Propylene-ethylene heterophasic copolymer (MFR 4 dg/min)		15	
Nylon 6			15
Boric acid	0.5	0.5	0.5
Irganox B225	0.4	0.4	0.4
Mineral oil	45	45	
Properties			
Gel content in dispersed phase, %	97	100	100
Cross-link density, $*10^{-5}$ mol/cm^3	10.2	10.0	12.3
Hardness Shore A	76	72	
Hardness Shore D			46
Tensile strength, Mpa	8.4	6.8	17.2
Elongation at break, %	350	320	260
Stress at 100%, Mpa	5.3	4.7	10.3
Tensile strength in weld line, Mpa	6.8	5.2	
Elongation in weld line, %	290	260	
Compression set (100°C, 22 h), %	46	39	63

Table 4 appears between paragraphs numbered [0066] and [0067] of the published application; and it should be amended to read as follows:

Table 4 Compositions and testing results for Examples 12-16.

Component	Examp.12	Examp.13	Examp.14	Examp.15	Examp.16
First mixture (parts by weight)					
Ethylene-octene copolymer	60	60	60	60	60
Random propylene-ethylene copolymer	25	25	25	25	25
VTMO	0.6	2.5	1.2	1.2	1.2
Perkadox 14	0.04		0.1	0.1	0.1
Dicumyl peroxide		0.2			
DBTDL	0.03	0.03			
Second mixture (parts by weight)					
Random propylene-ethylene copolymer	15	15	15	15	15
Boric acid	0.5	0.5	0.5	0.1	3.5
Irganox B225	0.5	0.5	0.5	0.5	0.5
Mineral oil	45	45	45	45	45
Properties					
Gel content in dispersed phase, %	94	100	97	96	98
Cross-link density, $*10^{-5}$ mol/cm^3	5.1	17.2	8.7	9.2	13.4
Hardness Shore A	74	76	75	73	77
Tensile strength, Mpa	7.6	8.8	8.2	7.4	8.5
Elongation at break, %	380	305	350	360	315
Stress at 100%, Mpa	5.1	5.4	5.6	5.3	5.2
Tensile strength in weld line, Mpa	5.8	6.2	5.3	5.7	6.4
Elongation in weld line, %	210	280	260	225	280
Compression set (100°C, 22 h), %	56	48	51	54	42

Table 5 appears between paragraphs numbered [0068] and [0069] of the published application; and it should be amended to read as follows:

Table 5 Composition and testing results for Examples 17-21

Component	Examp.17	Examp.18	Examp.19	Examp.20	Examp.21
First mixture (parts by weight)					
Ethylene-octene copolymer	60	60	60	60	60
Random propylene-ethylene copolymer	25	25	25	25	25
VTMO	1.2	1.2	1.2	1.2	1.2
Luperox 101	0.1	0.1	0.1	0.1	0.1
DBTDL	0.03	0.03	0.03	0.03	0.03
Second mixture (parts by weight)					
Random propylene-ethylene copolymer	15	15	15	15	15
Oxalic acid	0.5				
Citric acid		0.5			
Pyromellitic acid			0.5		
p-Toluene sulfonic acid				0.5	
Adipic acid					0.4
Triethanol amine					0.4
Irganox B225	0.5	0.5	0.5	0.5	0.5
Mineral oil	45	45	45	45	45
Properties					
Gel content in dispersed phase, %	96	91	87	94	89
Cross-link density, $*10^{-5}$ mol/cm^3	10.2	6.3	7.6	8.8	5.1
Hardness Shore A	76	74	72	77	71
Tensile strength, Mpa	7.6	6.8	6.3	8.4	6.1
Elongation at break, %	320	260	350	240	340
Stress at 100%, Mpa	5.3	5.6	5.1	5.4	4.9
Tensile strength in weld line, Mpa	6.0	5.2	5.0	5.8	4.6
Elongation in weld line, %	260	210	205	230	185
Compression set (100°C, 22 h), %	51	56	59	48	61

Table 7 appears between paragraphs numbered [0076] and [0077] of the published application; and it should be amended to read as follows:

Table 7 Compositions and testing results for Examples 23-27

Component	Examp.23	Examp.24	Examp.25	Examp.26	Examp.27
First period					
Ethylene-octene copolymer	60	80		60	
Hydrogenated nitrile rubber			60		60
Random propylene-ethylene copolymer	40	20	40		
Nylon 6				40	40
Second period					
Adipic acid	0.4				
Boric acid		1.0	1.0	1.0	1.0
Irganox B225	0.4	0.4	0.4	0.4	0.4
Properties					
Gel content in dispersed phase, %	96	100	99	98	95
Cross-link density, $*10^{-5}$ mol/cm^3	10.5	7.9			
Hardness Shore A	90	64	86		84
Hardness Shore D				44	
Tensile strength, Mpa	14.6	6.2	8.4	13.4	10.2
Elongation at break, %	720	240	320	165	158
Compression set (100°C, 22 h), %	54	32	58	67	56

Table 8 appears between paragraphs numbered [0078] and [0079] of the published application; and it should be amended to read as follows:

Table 8 Compositions and testing results for Control Examples

Component	Examp.28	Examp.29	Examp.30	Examp.31	Examp.32
First mixture (parts by weight)					
Ethylene-octene copolymer	60	60	60	60	60
Random ethylene-propylene copolymer	25	25	25	25	25
VTMO	1.2	1.2	1.2	1.2	1.2
Luperox 101	0.1	0.1	0.1	0.1	0.1
DBTDL	0.03	0.03	0.03	0.03	0.03
Second mixture (parts by weight)					
Random ethylene-propylene copolymer	15	15	15	15	15
Stearic acid		1.0			
Aluminum trihydrate			1.0		
Calcium hydroxide				1.0	
Ethylene bis-stearamide					1.0
Irganox B225	0.5	0.5	0.5	0.5	0.5
Mineral oil	45	45	45	45	45
Properties					
Gel content in dispersed phase, %	32	54	36	28	42
Cross-link density, $*10^{-5}$ mol/cm^3	3.2	3.5	3.0	2.6	3.8
Hardness Shore A	69	68	71	66	70
Tensile strength, Mpa	5.2	5.6	6.0	5.1	6.4
Elongation at break, %	360	420	405	385	415
Stress at 100%, Mpa	3.1	2.9	3.3	3.4	3.5
Tensile strength in weld line, Mpa	2.7	3.1	2.8	3.0	3.4
Elongation in weld line, %	85	115	74	68	92
Compression set (100°C, 22 h), %	78	84	86	74	80